

***LineUp With Math™* Alignment**
Idaho Achievement Standards
Mathematics 2-1-06

Standard 1: Number and Operation

Goal 1.1: Understand and use numbers.

Objective(s)	<i>LineUp With Math™</i> Activities
5.M.1.1.7 Select strategies appropriate for solving a problem.	--Choose and apply a variety of strategies to optimize the solution of air traffic control conflicts.

Goal 1.2: Perform computations accurately

Objective(s)	<i>LineUp With Math™</i> Activities
5.M.1.2.7 Use a variety of strategies to solve real life problems. (308.01 a)	--Explore and apply a variety of strategies to optimize the solution of air traffic control conflicts.

Goal 1.3: Estimate and judge reasonableness of results.

Objective(s)	<i>LineUp With Math™</i> Activities
5.M.1.3.1 Estimate to predict computation results. (307.03 a)	--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.
5.M.1.3.5 Formulate conjectures and discuss why they must be or seem to be true. (308.02c)	--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.

Standard 2: Concepts and Principles of Measurement

Goal 2.1: Understand and use customary and metric measurements.

Objective(s)	<i>LineUp With Math™</i> Activities
5.M.2.1.1 Select and use appropriate units and tools to make formal measurements of length, temperature, weight, and volume (capacity) in both systems. (309.01.a)	--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts. --Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

5.M.2.1.2 Estimate length, time, weight, temperature, and volume (capacity) in real-world problems using standard units. (309.01.b)	--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.
5.M.2.1.4 Solve problems related to elapsed time. (309.01.d)	--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

Standard 5: Data Analysis, Probability, and Statistics

Goal 5.5: Make predictions or decisions based on data.

Objective(s)	<i>LineUp With Math™</i> Activities
5.M.5.5.1 Make predictions and decisions based on information. (308.01.c)	--Predict and resolve aircraft conflicts and explain results of mathematical calculations and simulations.